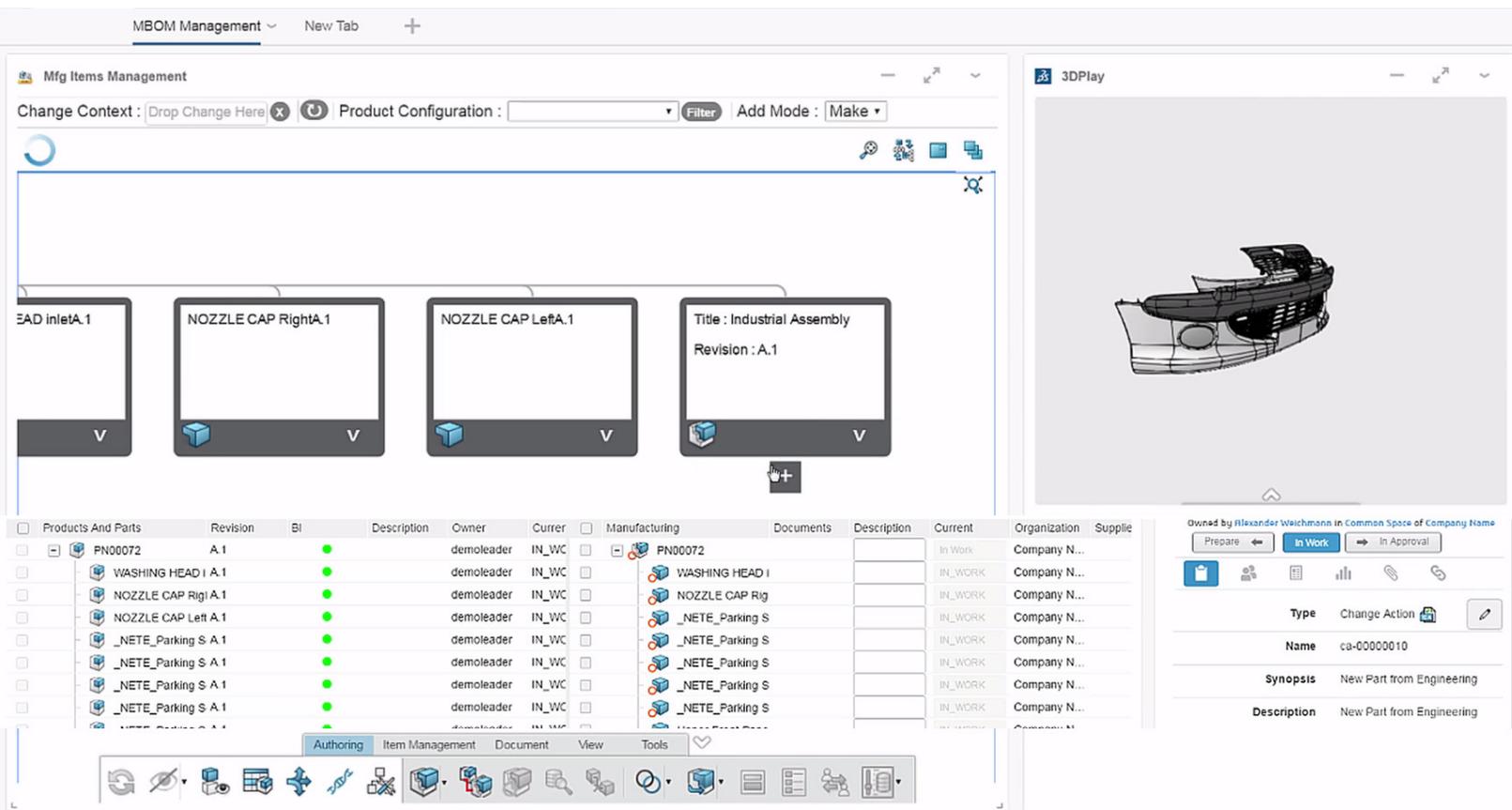


MANUFACTURED ITEMS MANAGER



**EASILY
DEFINE THE
MANUFACTURED
ITEMS STRUCTURE**

The Manufactured Items Manager (MFN) role allows the Manufacturing Bill of Material or MBOM to be defined, managed, and updated directly from the 3D design data. MFN is a web-based client that uses the 3D Product Structure as input for authoring the Manufactured Items Structure, allowing it to be leveraged across Manufacturing and Production. When creating the MBOM, users can choose to display the Product Structure, the Manufactured Items Structure, or both. Users can simply drag and drop the design data to create the MBOM from scratch, create it from the existing Product Structure, or from an existing Manufactured Items Structure template. Users can review the status of items as they create the new structure and as items are updated in the Product Structure.

BENEFITS

Manage the Manufactured Items Structure

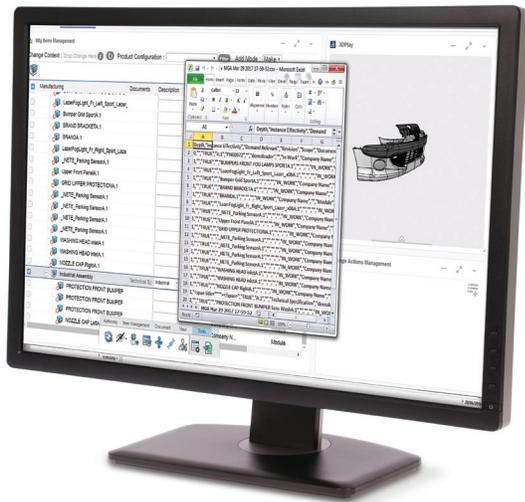
As updates occur in the Product Structure, MFN allows the user to view the status of the items assigned in the MBOM. During creation or update of the MBOM, users can easily reconcile the objects. Users also have a view of objects that have been used in the MBOM making it easy to reconcile with the engineering data. MFN provides users with a clear understanding of how engineering changes affect the MBOM.

Leverage the MBOM across DELMIA applications

Once the MBOM structure has been authored, it can then be natively used in other Digital Manufacturing applications for Process Planning, Robotics, Ergonomics, and Fabrication.

Simple-to-use interface

This web client authoring tool is easy to use and deploy; providing quick access for creating the Manufactured Items Structure. The widget can be used in a customized dashboard in combination with other widgets such as 3D Play or Change Management providing immediate access to the right information to do the job. Drag and drop between widgets provides easy and efficient user interaction.



Powerful tools for authoring the MBOM

HIGHLIGHTS

Easy creation of the Manufactured Items Structure

MFN allows users to create the MBOM from scratch, or create it from the existing Product Structure, or from a template. The user-defined templates save time and reduce re-work by allowing the user to create and then apply the templates to new products or variants. Users can also create a custom Manufactured Items Structure based on their own business rules; for example, they can consume only specific items from the Product Structure based on attribute values. Users can choose to display the Engineering Product Structure, the Manufactured Items Structure, or both.

Quick and efficient updates of the MBOM

When updates are made to the Engineering Product Structure, common change and configuration tools allow the user to easily manage and reconcile the updates in the MBOM. MFN makes it easy for users to easily understand how changes made in the engineering items impact the Manufactured Items Structure at any stage of the engineering process.

Define alternate/substitute parts or assemblies

When parts and assemblies are defined, there may be multiple solutions, such as which supplier is providing the assembly. Users of MFN can create alternate and substitute parts and assemblies for production planning. They can also manage manufacturing alternatives, plant responsibilities and make/buy decisions for parts and assemblies.

Export MBOM

Once the user has completed the MBOM structure, it can be exported in XML format. The output can then be used for downstream processes, such as procurement by the ERP system.

For more information, please visit www.3ds.com/DELMIA

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